



Rosehill Water Treatment Plant

Regional Municipality of Niagara

2025 Summary Report

(Prepared under Ontario Regulation 170/03)

January 1 to December 31, 2025

Ministry of the Environment, Conservation and Parks

Municipal Drinking Water License # 007-103

Drinking Water Works Permit # 007-203

Rosehill Water Treatment Plant - 2025 Summary Report

This report summarizes the water flows for the Rosehill Water Treatment Plant, drinking water system number 220002020, from January 1 to December 31, 2025

This report satisfies the requirements of Ontario Regulation 170/03 – Drinking Water Systems.

Inspection Rating

The Rosehill Water Treatment Plant was granted a 100% inspection rating during the 2025-2026 Ministry of Environment, Conservation and Parks annual drinking water system inspection.

Summary of Non-Compliance

The Rosehill Water Treatment Plant was operated in such a way that at no time did it fail to meet or exceed the requirements of the Safe Drinking Water Act, associated regulations, the system's approval or any order that may have been issued for this reporting period.

Summary of Water Treatment Plant Flows

The flow rates captured below are moments in time, and can be affected by various circumstances, such as pump changes or valve position. It is not unusual to have higher or lower than normal flows for this reason.

Month	Total Flow Raw (ML)	Total Flow Treated (ML)	Average Day Raw (ML)	Average Day Treated (ML)	Minimum Day Treated (ML)	Maximum Day Treated (ML)	Minimum Flow Rate Treated (ML/d)	Maximum Flow Rate Treated (ML/d)	Total Waste Sludge (ML)
Jan	386.773	363.868	12.477	11.738	10.838	13.722	4.591	21.878	11.589
Feb	350.733	328.889	12.526	11.746	10.791	12.696	4.975	24.416	6.296
Mar	374.084	352.776	12.067	11.380	10.096	12.165	5.707	22.894	7.737
Apr	391.424	370.980	13.047	12.366	11.215	13.133	5.009	23.590	6.251
May	429.743	406.827	13.863	13.123	12.240	14.244	5.232	23.361	10.824
Jun	478.331	448.694	15.944	14.956	12.802	18.474	6.305	28.774	9.048
Jul	536.813	502.454	17.317	16.208	13.347	18.440	5.667	31.848	10.492
Aug	511.965	475.429	16.515	15.336	11.764	18.769	5.641	29.042	16.403
Sep	421.394	390.142	14.046	13.005	11.648	14.965	4.496	25.144	7.047
Oct	376.194	345.630	12.135	11.149	9.951	12.640	5.187	23.170	6.674
Nov	333.154	308.108	11.105	10.270	9.816	11.059	4.415	22.520	8.209
Dec	353.010	332.681	11.387	10.732	10.132	13.722	2.068	22.388	6.427

Month	Total Flow Raw (ML)	Total Flow Treated (ML)	Average Day Raw (ML)	Average Day Treated (ML)	Minimum Day Treated (ML)	Maximum Day Treated (ML)	Minimum Flow Rate Treated (ML/d)	Maximum Flow Rate Treated (ML/d)	Total Waste Sludge (ML)
Total	4,943.618	4,626.478							106.996
Min					9.816		2.068		6.251
Max						18.769		31.848	16.403
Avg			13.536	12.668					8.916

Comparison of Actual to System Approved Flow

Flow rates are required by Municipal Drinking Water Licence number 007-103.

- Maximum daily flow: 50.000 ML
- Maximum flow rate: 50.000 ML/day

Month	Average Day Treated (ML)	% of Rated Capacity	Maximum Day Treated (ML)	% of Rated Capacity	Maximum Flow Rate Treated (ML/d)	% of Rated Capacity
Jan	11.738	23%	13.722	27%	21.878	44%
Feb	11.746	23%	12.696	25%	24.416	49%
Mar	11.380	23%	12.165	24%	22.894	46%
Apr	12.366	25%	13.133	26%	23.590	47%
May	13.123	26%	14.244	28%	23.361	47%
Jun	14.956	30%	18.474	37%	28.774	58%
Jul	16.208	32%	18.440	37%	31.848	64%
Aug	15.336	31%	18.769	38%	29.042	58%
Sep	13.005	26%	14.965	30%	25.144	50%
Oct	11.149	22%	12.640	25%	23.170	46%
Nov	10.270	21%	11.059	22%	22.520	45%
Dec	10.732	21%	13.722	27%	22.388	45%